

Peak District National Park

Forecast valid from 06:00 on Wednesday 15 Sep 2021 until 23:59 on Thursday 16 Sep 2021

Forecast Issued on Wednesday 15 Sep 2021 at 00:16

Confidence: High for plenty of dry and bright weather over the next couple of days. The main uncertainty relates to the timing and intensity of any rainfall from later on Friday.

Headline for Wednesday 15 Sep 2021: Early low cloud lifting to a dry and bright day with some sunshine.

Mountain weather hazards on Wednesday 15 Sep 2021

Blizzards

No Likelihood

Heavy Snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

No Likelihood

Poor visibility

Medium Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Dull	Cloudy	Cloudy	Sunny intervals	Sunny	Partly cloudy (night)
Precipitation probability					
20%	10%	<05%	00%	00%	00%

Forecast for Wednesday 15 Sep 2021

Weather: A rather cloudy start to the day, although some clear spells in the west may lead to pockets of mist and fog first thing in the morning. Any cloud or fog will soon lift and break to leave an increasingly bright, perhaps sunny morning, particularly in western parts. Dry conditions are expected throughout with variable cloud cover, although some spells of sunshine look likely. Cloud thickening from the west after dark.

Chance of cloud free mountain/hill tops above 600m: 10% at first but improving through the morning to become 95% or more by lunchtime.

Visibility: Very poor in any fog patches in the west at first, more around 400m elsewhere due to low cloud. Low cloud lifting to affect some slopes around 500-600m for a time mid-morning. Elsewhere, very good visibilities for much of the day with excellent air clarity in most places.

Forecast for Wednesday 15 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/10 NE	6/8 N	8/11 W	10/13 W	8/12 W	7/10 SW	9/12 SW
300	4/6 SW	4/6 NW	7/10 W	7/10 W	6/11 W	4/6 W	5/7 SW
Valley	3/8 NE	3/5 NW	5/9 W	6/11 W	5/11 W	2/6 NW	2/6 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/9	11/10	12/11	14/12	13/12	12/10	11/9
300	12/12	13/13	15/14	16/15	16/15	14/13	13/12
Valley	12/11	14/14	16/16	18/17	16/15	13/13	12/12
Freezing Level*	2500m	2500m	2500m	2500m	2500m	2400m	2400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Quite a warm day once the sun starts piercing through the cloud. Make sure to bring enough water if you intend to go for a long walk.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 14 Sep 2021	0.4mm	3.4mm	3.4mm

Forecast for Thursday 16 Sep 2021

Weather: Low cloud will drift east across the hills through morning, perhaps bringing a few spells of drizzle before clearer skies spread from the west into the afternoon. Dry conditions will then dominate with a few sunny or clear spells.

Maximum wind: West 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 30% morning, 90% afternoon and evening.

Visibility: Thick cloud will persist above 300m through the early hours but gradually lift through morning, eventually clearing into the afternoon, albeit erratically. Cloud free summits are then expected for the rest of the day with some distant views.

Temperature: **Valleys:** Plus 12 Celsius rising to 19 Celsius.
At 600m: Plus 12 Celsius.
Freezing level: Well above summits.